Labs for the 21st Century

LABS FOR THE 21ST CENTURY

Labs21 Best Practice Guides

Laboratories for the 21st Century (Labs21) invites you to help develop a series of best practice guides on strategies that promote energy efficiency and sustainability in laboratories. By leveraging the expertise of industry leaders like you, the guides will reference current experience in various laboratory facilities and will highlight the "state-of-the-art" when it comes to designing high-performance laboratories.

Why are the best practice guides being created?

Labs21 participants have expressed a strong interest in technical information on the use of specific technologies in sustainable laboratory design and operation. When completed, the guides will provide a rich and valuable reference tool, reflecting current industry practices and bolstering the case for energy-efficient laboratory design. The guides will be updated periodically as new information becomes available. The guides will also form the basis of advanced Labs21 coursework.

How can you participate?

Labs21 has identified more than 30 potential topics for best practice guides, including 16 "high priority" topics. Each guide will follow a standard (6 to 8 page) format using a template provided by Labs21. The guides will be developed over the next several years, with a goal of 4 to 6 guides produced each year. To develop the guides, Labs21 is seeking a cadre of industry volunteers to serve as both **Lead Developers** and **Contributing Authors** with key roles described as follows:

Lead Developer

- Develop technical content of the guide.
- Coordinate with other contributing authors and a Labs21 lead reviewer.
- Work with the Labs21 reviewer to address peer review comments and create the final guide.

Contributing Author

- Serve as a technical resource.
- Research and/or write designated portions of the guide.
- Provide technical review of the guide.

What will Labs21 provide?

To help develop the guides, members of the Labs21 technical team will work closely with you throughout the development process. In particular, Labs21 will facilitate a peer review process to ensure the technical accuracy of the guides. Key areas of responsibility for Labs21 include:

- Provide a standard template as a reference.
- Format technical content into a draft guide.
- Facilitate peer review process of the draft guide.
- Work with the Lead Developer to revise the draft based on peer review comments.
- Publish and distribute a final best practice guide in both hard copy and Web-based format.

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How will participants be recognized?

Labs21 will take a number of steps to ensure that you receive **national recognition** for your contributions. Participants will, of course, be acknowledged in the guide itself. Labs21 will also provide recognition at the annual conference, on the program's Web site, and in other promotional materials. When the guides are converted to course materials, participants may also be invited to serve as instructors as part of a national Labs21 workshop series.

How will participants be selected?

Labs21 will select participants based on the following criteria, giving preference to applications from inter-organizational teams:

- Experience and knowledge of the topic.
- Professional qualifications.
- Writing ability and prior publication record.
- Willingness to adopt a team-based approach.

How do I participate?

If you are interested in helping to produce one or more of the guides, please fill out the attached application form and select from the different topics.

How can I get more information?

Contact Paul Mathew at the Lawrence Berkeley National Laboratory at 202 646-7952 or <pamathew@lbl.gov> or visit the Labs21 Web site at <www.epa.gov/labs21century>.